

CEJ Custom Expansion Joints

RUBBER EXPANSION JOINT DATA SHEET

313 N. Stewart Rd., Liberty, MO 64068 (816) 781-3507 Fax (816) 781-3520

Customer's Name				Date				Page of				
Mailing Address				Project Name								
City, State, Zip Code				*Quote Req'd by:				Quote No.				
Phone No.			Fax No.				Delivery Req'd by:					
Prepared By:				Item/Tag No.		Item/Tag No.		Item/Tag No.				
HYDROSTATIC TEST REQUIRED (Yes/No)				Qty.		Qty.		Qty.				
PLANT TYPE (Coal, Oil, Gas, Hydro, Incineration, Etc.)												
LOCATION OF EXPANSION JOINT (Fan, Boiler, Scrubber, Precipitator, Stack, Etc.)												
FLOW DIRECTION (Up, Down, Horizontal, Angular Up, Angular Down)												
SIZE	PIPE SIZE (Inside Dimensions/Diameter of Connecting Pipe Flange)				IN.		IN.		IN.			
	INSTALLED LENGTH (Space Between Connecting Pipe Flanges)				IN.		IN.		IN.			
	FACE TO FACE DIMENSION				IN.		IN.		IN.			
FLOWING MEDIUM	MEDIUM (Air, Flue Gas, Liquid, Slurry, Solid, etc. Is Medium Corrosive, Abrasive, or Viscous)											
	VELOCITY (In Feet Per Minute)				FL/Min.		FL/Min.		FL/Min.			
	ELASTOMER (Carcass/Lining)				CARCASS		LINING		CARCASS		LINING	
TEMP.	FLOWING MEDIUM (Operating/Maximum)				OPERATE $\frac{^\circ}{F}$		MAXIMUM $\frac{^\circ}{F}$		OPERATE $\frac{^\circ}{F}$		MAXIMUM $\frac{^\circ}{F}$	
	SURROUNDING ATMOSPHERE (Minimum/Maximum)				MINIMUM $\frac{^\circ}{F}$		MAXIMUM $\frac{^\circ}{F}$		MINIMUM $\frac{^\circ}{F}$		MAXIMUM $\frac{^\circ}{F}$	
	TIME DURATION AT MAXIMUM TEMP.											
PRESSURE	OPERATIONAL (Actual Pressure System Works Under)				POS. PSIG		NEG. H _v		POS. PSIG		NEG. H _v	
	DESIGN (Highest/Most Severe Pressure Expected During Operation)				POS. PSIG		NEG. H _v		POS. PSIG		NEG. H _v	
	SURGE (Increased Pressure Due To Pump Starts, Valve Closings, etc.)				POS. PSIG		NEG. H _v		POS. PSIG		NEG. H _v	
	TEST (Hydrostatic Test Used To Demonstrate System Capability)				POS. PSIG		NEG. H _v		POS. PSIG		NEG. H _v	
	TYPE (Constant, Intermittent, Shock, Pulsating, etc.)											
MVMNTS.	AXIAL COMPRESSION (Result Of Pipe Extension-Expansion)				IN.		IN.		IN.			
	ACTUAL EXTENSION (Result Of Pipe Contraction)				IN.		IN.		IN.			
	LATERAL DEFLECTION				IN.		IN.		IN.			
	ANGULAR				°		°		°			
	TORSION				°		°		°			
	VIBRATION (Frequency/Amplitude)				F		A		F		A	
MISC.	PIPE FLANGE DRILLING <small>(Indicate Specific Standard, If Special, Provide: Flange O.D., Bolt Circle, Number and Size of Holes.)</small>				SPECIFICATION				SPECIFICATION			
	MATING PIPE FLANGE THICKNESS				IN.		IN.		IN.			
	NO. OF ARCHES											
	LOCATION OF											
ACCESS.	RETAINING RINGS <small>(Are Required On All Installations. Reusable, They Need Not Be Ordered With Replacement Or Spare Expansion Joints.)</small>				Yes		No		Yes		No	
	CONTROL UNIT ASSEMBLIES <small>(Are Recommended For Use In All Expansion Joint Applications. Control Units Must Be Used When Flying Support Or Anchoring Is Inefficient.)</small>				Yes		No		Yes		No	
	FLOW LINERS OR FILLED ARCHES				Yes		No		Yes		No	

*Please allow adequate time to prepare customer inquiry quotation.

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